

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "Robert J. Gobrick" <rgobrick@nflld.com>
Subject: [8454] 1996 "FDIM(c)" Registration Closed
Message-ID: <2.2.32.19960509234455.00767730@public.compusult.nf.ca>

QST - QRP - FDIM - QST - QRP - FDIM - FINAL FINAL FINAL

Dateline: Saturday 0001Z 11 May 1996

Hear Ye - Hear Ye!!

The 1996 "Four Days in May (c)" Registration for the first annual QRP Symposium is officially closed (finished, no more, SK) as of 0001Z 11 May 1996.

The FDIM Committee is happy to announce that we have surpassed our original goal of 25 registrants and we are now at 100 attendees. This is a fantastic showing by the QRP Community and we'd like to thank all of you here on the Internet mailing lists for your support.

At 100 folks we have filled our conference room, we have filled the lunch room (only 100 Firebird Luncheon Specials - wiped out all the Tobasco sauce in Dayton), we only have 100 QRPPAL software programs by Bruce Milne WB2QAP and finally Paulette only got 100 ICOM America shopping bags to put your goodies in. There ain't no more (sorry for this foul language to our English cousins).

FDIM WILL have extra copies of the FDIM QRP Symposium Proceedings for sale at the hospitality suite for the folks who were not able to make the Thursday event - look for Bruce Muscolino W6TOY for these.

And I'm sure that Rich High WOHEP of the 5 Watt Press will have copies of Rich's and Paul's NA5N new book for sale at the hospitality suite and their booth at the Dayton Hamvention.

So that's a wrap for this year - the FDIM Gang is racking our collective brains trying to figure out how to register 100 guests at 7AM (Yes 0700 EDT) Thursday morning while battling the effects of jet lag and minimal coffee. Please come early to register and make our job a little easier. Paulette Quick N9OHU, is in charge of 7AM Registration, and being a good Wisconsin gal she's used to getting up a lot earlier to milk those Wisconsin Cows. Since I, Bruce W6TOY and Preston WJ2V (all city folk) are under direct supervision of Paulette we prefer to get registration over with so we can get to our civilized morning cup of java from the "bottomless coffee pot".

See you all there - drive,fly,walk,beam-up safely.

Cheers, FDIM Committee

PS: NO,NO WE ARE NOT TAKING REGISTRATIONS FOR "FDIM(C) 1997 YET!!!!

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| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:   70466.1405@compuserve.com |
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From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [8446] can you buy a tilt stand for QRP rigs?
Message-ID: <v02130507adb963ff26dc@[199.170.106.28]>

Just wondering if anyone sells a low-profile, bail-type tilt stand that will work with any small QRP rig. It has to be able to fold up under the case and be lower in profile than the rubber feet on the NorCal 40A/Sierra (about 0.2"). Most commercial units are much thicker than this when folded.

Thanks,
Wayne
N6KR

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "Jon Iza" <iapizloj@bicc00.bi.ehu.es>
Subject: [8422] Cascade filter problem, round #1 1/2
Message-ID: <199605100929376323.iapizloj@bi.ehu.es>

Gang,
I've got interesting email from Dave Meacham and Frank Gurnee about the cascade filter problem I found (the rig was not able to tune LSB on 80 meters -yes, IARU Region 1 bandplan-). At first, it looked like the filter bandpass was waaaaaay out the marked frequency 9.000 MHz, since the BFO xtal was right on spot 8.997-9.003. I wasn't expecting "my" filter was prepared with all the outliers from the Norcal bulk order (more than 1000 xtals) but I guess I'm wrong ;-) ;-) ;-)
The bandpass center seems to be near 9.004 MHz, and the BFO is not able

--> later correction:** 9.007 ** <--
to reach the "other" sideband. (A 10 pF capacitor added to the BFO cap C19 got things worse, lowering the BFO even further)
So, instead of desoldering all crystals and check their frequency, I bought a CB channel 6 xtal (27.025) to operate as BFO xtal.
Bingo! nice demodulation of LSB as well as USB... In fact, I was so eager to test it that I connected the rig to the antenna in the middle of a severe thunderstorm and checked up. Oh, boy! Now I KNOW what is QRN! (I use to have a Butternut, with a BIG choke for static) I guess some hiss nearby the PA wasn't very healthy but, anyway, I did get my first QSO with this rig on 20, SP9VBZ giving me 57. He told me the modulation was not perfect. Duh! And my wattmeter is showing some power coming out even without modulation..... mmmm!
Well, it looks like I have two possible problems now: a sick PA, and/or a weird bandpass filter.
I'll keep you posted on my advances. It will be on Round #2.
Boy!, ain't that radio stuff great!

jon, ea2sn

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [8436] Feedback
Message-ID: <960510170513_75230.1405_HHB72-2@CompuServe.COM>

First, a reminder to those who have received the CQC Equipment Resource Directory-- please USE the feedback form! We used every bit of printed and emailed data we could find to develop database, but we sure would like to fill in some of the holes. If you have more information about any listed equipment, please fill in the form and send it back (or email to me).

I have a LIMITED number of the printed directories still available at \$5 post paid (the rest are going to Dayton). Price is \$4 for club members.

There is no limit to the supply of the data diskette or the full program

Repost of original notice follows, but note you CAN (as many have) call the 800 number to join CQC and order the ERD, but please mail a check if all you want is the printed directory (saves the club phone and credit card charges which make a \$5 sale a losing proposition).

73/72
Marshall
AA0XI

REPOST:

At long last, the updated Colorado QRP Club Equipment Resource Directory (CQC ERD) is now available.

The ERD in booklet form contains detailed listings on a wide range of QRP gear, including:

- 49 Transceivers
- 14 Receivers
- 20 Transmitters
- 18 Keyers and Keying accessories
- 53 Other Accessories
- 34 Suppliers

There are also fold-out summary tables providing easy comparison of the key features of transceivers, receivers, and transmitters (like the Club's original "Rig Profiles," for those of you who remember them).

The ERD will be updated periodically, and the published version includes a form you can use to send in data for other rigs and equipment, and updates.

Price is \$5 post-paid (\$4.00 for CQC members). Send your check or money order to:

Colorado QRP Club - ERD
3140 S. Peoria St. Unit K156
Aurora, CO 80014-3155

Please do NOT use the 800 number shown below for booklet orders only; but feel free to use it if you wish to join CQC and charge your membership dues (\$10 per year) at the same time.

ALSO AVAILABLE:

THE ERD DATA DISK. The data printed in the booklet, as well as the CQC member list, can be supplied on disk (IBM format 3.5" HD 1.44Mb). The files are supplied as both flat ASCII text and comma/quote delimited data files, allowing you to easily use them with your own software. Price: \$10 post paid.

THE ERD PROGRAM. If you have an IBM compatible computer, you can use the ERD Program to maintain your own equipment resource data-- it comes with all of the data described above, and you can easily add to it or edit it, and do custom searches and reports. When you are looking at a rig record, press a key to see the supplier's info. Then press another key to dial the phone number!

Price: \$20 post paid.

To order either the DATA DISK or the ERD PROGRAM, send your check or money order to the address shown above or call...

(800)238-8205

...toll free to order with your Visa, MC, Amex, or Discover card.

NOTE: The CQC Equipment Resource Directory is an official Club project and is made available as a service to the QRP community; profit (if any) will accrue to the Club and be used in support of it's activities.

73/82

Marshall Emm, AA0XI
CQC ERD Co-ordinator

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "Mark E. Monninger" <markem@primenet.com>
Subject: [8444] FS: St. Louis Tuner Kit
Message-ID: <Pine.BSD.3.91.960510123530.15971A-100000@usr1.primenet.com>

Greetings...

I have an unbuilt NorCal St. Louis Tuner kit that I have decided not to build. I haven't even opened the parts bag yet. If anyone missed the offer and still is in the market for one, I'll part with it for what it cost me...\$80, including shipping. Please respond to me via email.

73... Mark AA7TA markem@primenet.com

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [8438] Ground Rod...
Message-ID: <199605101714.AA128668458@artemis.fc.hp.com>

Hi Everyone,

The thunderstorms that whipped thru here yesterday got me to thinking about the lightning arrestor I am yet to install for my dipole. My question is, where is the best place to install the ground rod? (Yes, I admit it. I'm

running ungrounded at the moment).

Anyway, my feedlines run out of a basement window that's in a 10' deep window well. I was thinking of driving the 8' rod(s) in the bottom of the window well, but am not sure if that will give me the best ground. The soil is quite dry out here and I'm uncertain about the conductivity. Also, the window well provides me with the opportunity to drive the rod horizontally if that's better.

Near the surface (above the window well) the soil may be more moist but that would be a longer run for my ground wire (AWG #2). I want to keep that as short and as close to the rig as possible. If I drive the rod(s) in the well, does it matter electrically?

Tnx,
-Dale, KB0VCC

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: dedinger@ix.netcom.com (Dennis Edinger)
Subject: [8440] Gutters and Hamsticks
Message-ID: <199605101759.KAA21530@dfw-ix1.ix.netcom.com>

Gang,

As an apartment dweller I'm tired of the poor performance of my inside Window (too many bends and too close to AC lines).

Gutters: Got 'em and I'll try anything. For you guys who have successfully used them: How did you connect them to your tuner, coax, single wire?

Someone recently posted a note on using a dual-Hamstick in a vertical configuration (i.e., off my balcony) and offered to post an evaluation of the dual-hamstick (vertical and dipole configurations) when school was out. Could we either see the evaluations or have a discussion on this configuration.

Likewise I recall having a discussion with Jim at Antenna's West regarding a union for the dual Hamstick. But now I've lost both his name and address (I remember Utah, but no city.). Please post if you have it.

de Dennis/nt01 cqc #202 qrp-1 #482

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: nf0r@slacc.com
Subject: [8450] Gutters and Hamsticks
Message-ID: <9605101652.D5739qg@slacc.com>

Hi Dennis! I made my first contact on a rain gutter as a novice and still use one as a back-up antenna. My favorite feed for same is coax, allowing the shield to float. This serves as an rf ground or an addition to whatever other ground you might be using. Radials with a gutter to "lower the angle of radiation" always seemed like a futile gesture to me. <grin>

Something else you might want to try is a indoor doublet fabricated from aluminum foil. Or, better yet, try aluminum screen material. It hears pretty well and all that capacitance will allow the antenna to radiate in a small space. You'll need a tuner, of course, and I prefer a shielded balanced feedline fabrictaed from two identical runs of coax. Gound the shields at the tuner end only. If you don't feel too confident about using the screen try loading a patio door screen first.

Good luck!

73 de Dave, NF0R nf0r@slacc.com

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: torell@sicom.com (Kent Torell)
Subject: [8448] ionospheric forecast
Message-ID: <v02130502adb94cdc9091@[192.91.202.41]>

The forecast for next week predicts the good propagation we've been having will be in the dumper around Tuesday. And, the solar flux levels will be dropping. Should hold up pretty well for the early weekend...everyone up early for Sat dx!

SOLAR AND GEOPHYSICAL ACTIVITY FORECASTS AT A GLANCE

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      |10.7 cm|HF Propagation  +/- CON| Mag| Aurora |  
      |SolrFlx|LO MI HI PO SWF %MUF  %|K Ap|LO MI HI|  
-----|-----|-----|  
May 10| 078 | G  G  F  F  05  00  75|3 10|NV LO MO|  
     11| 079 | G  G  F  F  05 -05  70|5 20|NV LO LO|  
     12| 080 | G  G  F  F  05 -05  70|4 17|NV NV LO|
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13	080		G	F	P	P	05	-10	65	4	15	NV	MO	MO
14	079		G	F	VP	P	05	-25	65	4	18	NV	MO	MO
15	077		G	F	P	P	05	-20	65	5	25	NV	LO	MO
16	073		G	G	P	P	05	-15	65	5	23	NV	LO	MO
17	072		G	G	P	F	05	-10	65	4	20	NV	NV	LO
18	072		G	G	F	F	05	-05	65	4	14	NV	NV	LO
19	071		G	G	F	F	05	00	65	3	10	NV	NV	LO

Kent Torell torell@sicom.com 602-483-2867 x40
 SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
 AB70A TMPS 1996 Qs=004 States=03 Confirmed=00 DX=00
 AZ KS OK

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
 From: Tony Fishpool <101573.3220@CompuServe.COM>
 Subject: [8433] Places to visit
 Message-ID: <960510155718_101573.3220_IHK40-1@CompuServe.COM>

Hi gang,

I am after some local knowledge here. After the convention, Graham G3MFJ & I are heading up country to Canada to visit relatives and we come back into the USA (via Niagara) on the 23rd and plan to stay the night somewhere near Lake Erie (even though I don't think I can spell it!). On the 24th & 25th we will be in the vicinity of Dayton & Cincinnati (in that order). So, (as if) by then we will not have O.D.'ed on radio, we were wondering if there were any club meetings or somesuch that we could visit in the evenings. Or come to that, any "must visit" places during the day.

All advice welcome and appreciated. Look forward to meeting you at FDI.

Kind regards

Tony - G4WIF

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
 From: John Mckee <jmckee@rfmd.com>
 Subject: [8423] portable antennas
 Message-ID: <199605101315.JAA102643@nss2.CC.Lehigh.EDU>

Gang,

Has anyone out there ever used a Hamstick or similar mobile antenna for portable or low profile operation? I was wondering how well this would work using several radial wires or whatever large metal object that is convenient for a ground.

Thanks and 73

John WB4OFT

From owner-qrp-l@Lehigh.EDU Fri May 10 22:42:50 1996
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: [8427] Postings with Attached Messages
Message-ID: <Pine.SUN.3.91-FP.960510102020.26536I-1000000@cap1.capaccess.org>

On Thu, 9 May 1996, Robert Peschka wrote:

> Phil has been showing off his favorite stories. So, tit for tat, here is
> one of mine.....
>

I'll open by saying - I am NOT the net police - I just want to read whatever is posted to the list.

I don't know if I am the only one with this problem, but I think several others have commented on this before. For both 10-10 L and QRP-L there has been an increasing trend to post messages with attachments. Not everyone can read these attachments. I would appreciate, and I think the interests of the list would be better served, by not using attachments. If you have something to include, simply put it in the message text.

That way everyone will be able to understand stand what is sent. Also, (and the post quoted did not do this) please don't post picture attachments. They are generally indecipherable and take a huge amount of space.

Thanks for your help.

73,

Steve Slavsky, N4EUK
Reston, VA

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: robert bell <rbell@uniserve.com>
Subject: [8421] PowerMite PM3a
Message-ID: <96May9.232033pdt.30847-24521+1006@haven.uniserve.com>

The Ten Tec PowerMite PM3a has been sold, thanks for all the replies.

72 Rob

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: KT3A@aol.com
Subject: [8441] Preventing Capacitor Corrosion
Message-ID: <960510142717_110864133@emout07.mail.aol.com>

Fellow Builders,

I'm having some problems with my VFO capacitor in my Sierra (Original). Is anyone else having problems? It is mostly confined to the frame but some is developing on the plate surfaces. It may be the hardware used. I am familiar with dissimilar metals having this effect. Just thought some may want to check it out. I'm thinking of using NoAlox on the mounting screws. Any ideas on what to use to clean it up? I always used wd40 or some sort of light oil.

Any ideas may be helpful to us building the St Louis Tuners.

72 de cameron, kt3a

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: JayMiller@aol.com
Subject: [8431] QRP Data Book, a review.
Message-ID: <960510113201_291253993@emout18.mail.aol.com>

Dear Fellow QRP Enthusists,

First off, let me state that I do not receive any compensation for what I am about to say. Let me also state that if You own a copy of this book and don't read it from cover to cover, You have wasted Your' money & probably wasted

time obtaining Your' license.

"Electronic Data Book for Homebrewer's and QRP'ers" by Paul Harden NA5N, including "QRP Yellow Pages" by Richard High, WOHEP

Section 1 : Paul had originally published this 4 part series in the Colorado QRP Club's "The Low Down". Paul had taken You through the very basics of designing Your' own QRP CW HF transceiver. This is written so even I, with a Socialist provided Education from the Third World Nation of New Mexico, can understand this book's contents. K1BQT, NN1G & N6KR's designs are used as examples, within this first section, plus a few of Paul's own designs.

Section 2: Electronic Component Data Sheets

How many times have You tried to find a specific component, only to find out what is sent to You does not include temperature coefficients, or color coding identification schemes (capacitors). Well, it's in this section. From Capacitors to Wire & cable.

Section 3: Specific Component Data Sheets

LF351's to NE602's data sheets, with lots of NA5N comments & examples (Application notes).

Section 4: Appendices

Now is where the QRP operator can obtain standard drill bit sizes (mm & inches). VSWR curves to Station log sheets, plus Xc & Xl reactance charts (HF) @ a glance & other QRP related data.

Section 5: "QRP Rig Lab Tests"

(This section was not included in my preview copy, because I had kept bugging Paul, for a preview copy and he had told me that it would not be in my copy.) But You Lucky Guys who had ordered them early, will have this section.

"QRP Yellow Pages" (WOHEP) Quick reference guide. What a pleasure to pick up a book, that has up to date listings of current component vendors & QRP Clubs. Now the test will be, 1 year from now, to see how many phone numbers are updated or crossed out. Well done Rich.

Again, I am not paid to do this. I have used this book everyday (really), & have found it a real educational tool, for someone who had survived the Socialist School environment in the Catatonic State of New Mexico. Paul has repeatedly stated that this is a "Work in Progress". So, I am looking forward to the the second edition.

If You are interested in this book, contact, via email , QRPBook@aol.com . I can not provide the ordering & pricing data, since that information will be released at the Dayton Hamvention (May 17 -19). Again, direct all inquiries, about this Book, to QRPBook@aol.com. NA5N will be @ Dayton, hopefully,

bringing back a lot of goodies.

72...Jay, WA5WHN
From the Catatonic State of New Mexico

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: STEVE STUNTZ <STUNTZ@wapa.GOV>
Subject: [8437] QRP Field Day Program
Message-ID: <s1932411.087@wapa.GOV>

Concerning my offer to sell my Field Day program for PC computers to QRPers for cost, \$5; I have received many requests for more info and am attaching the info below. Send money to Electrosoft, PO Box 1462, Loveland, CO, 80539.

DE N0BF, Stephen Stuntz stuntz@wapa.gov

ELECTROSOFT

FD-1 field day program and interface circuit.

FD-1 is a field day program written in assembly language to provide a snappy response that logs contacts and sends/receives CW. The call, class, section, and time for each contact is easy to enter and edit. The time is automatically loaded from a clock displayed on the screen. The call is automatically checked for duplication and is entered into a cw buffer. When field day is over the program produces call, log, and spread sheet files. Operating field day is a breeze starting with the first QSO due to 6 help menus that instantly display all commands. CW messages are sent by simply typing the functions keys. Receiving CW is simplified with a tuning indicator on the screen. The interface circuit can either be built from the schematic included in the program documentation or ordered in kit form with the program. The program and interface circuit are described below:

--- FD-1 FIELD DAY PROGRAM

1. Works on any IBM compatible computer with serial port.
2. Separate windows are used for logging qsos, operating cw, changing band and mode, and viewing 6 help screens.
3. One help screen shows all ARRL section abbreviations.
4. Another help screen shows a score summary by band and mode.
5. CW messages are displayed on a split screen.

6. Status lines at the top and bottom display all settings.
4. CW is sent and received at 5-100 WPM.
5. Dot/dash ratio is adjustable from 21%-45% in 9 steps.
7. CW messages are stored in ten 200 character buffers.
8. Program supports multiple stations using a merge file.
9. Produces a sorted call file by band and mode that can be sent to ARRL for the Field Day Entry.
10. Produces a sorted log file by time and date.
11. Produces an ASCII file that can be read by any spreadsheet program to be parsed and sorted.
12. Documentation includes simple interface circuit to connect serial port (Radio Shack numbers are shown)

--- INTERFACE CIRCUIT

1. See description on CW-2 specification sheet.

Prices: FD-1 program disk only (specify 5.25" or 3.5").. \$20.00
Interface circuit only (works for FD-1 & CW-2).. \$30.00
Both FD-1 program and interface circuit \$50.00

Order by sending check (foreign orders send money orders) to:

ELECTROSOFT
P. O. Box 1462
Loveland, CO 80539

Money back if not satisfied.

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [8428] QRP++ power bias adjustment
Message-ID: <199605101435.KAA102652@nss2.CC.Lehigh.EDU>

Hello Gang,

Ole 0364 has returned once again from a trip accross this great land from a pilgrimage to Gig Harbor. The receiver was in very good shape,(this is what I had sent it in for),but I had not checked the power out until last night. It was low, about 3 watts on all bands.

There is a note in the manual that describes adjusting the xmtr bias, but does not say what effect this will have on the rig. (Engineers can't

write). If I adjusted the bias, then I would like to know why I would want to do it? Now, I know!

I just did it and here is the results:

Minimum power bias was a bit high, 642 ma. @ min. power setting on back panel.

After adjustment to 594 ma. @ min. power, the power out at top pot. is as follows:

10 m.----	3.75 watts
12 m.----	"
15 m.----	"
17 m.----	"
20 m.----	"
30 m.----	"
40 m.----	"
80 m.----	"

I did not do 160, no interest in it.

The top pot. bias is 1210 ma. (max power out).

This is a touchy adjustment, It drifted as I held the key down. I adjusted it a little then let up on the key, let it rest, then tried again.

SSB power is now 2 to 3 watts out. I had a nice chat with a guy in FL. last night @ 1 watt, (before the adjustment). I had a problem with chirpy CW and a very hot SSB when I sent the rig in , this is fixed and I am satisfied with the fix so far.

The CQWW will be a good test for the rig on the whole.

73

de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: kd0su@kktv.com
Subject: [8443] Sending @ on CW
Message-ID: <TCPSMTP.16.5.10.12.59.14.2240783031.1177226@kktv.com>

Does anyone know how to send the @ symbol on CW? Is there a standard for it.

TNX and 73,

Rick -- KD0SU

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [8445] Sending @ on CW (fwd)
Message-ID: <Pine.OSF.3.91.960510162548.30912A-100000@saturn.acs.oakland.edu>

>Does anyone know how to send the @ symbol on CW? Is there a standard
>for it.

I dunno, but if you have to ask how to SEND it what are the odds that anyone else will know what the heck it is when you key it?

Try this... "didah dah"

73!

didadadi didahdit didididah didah didadidit dahdidah dadadah
didat dah
dadadah didah dadidah didahdidi didah dadit dadidit
didadidadida
dit dadidit dididah

sheeze that's hard to do!

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "M. E. Monninger" <markem@primenet.com>
Subject: [8459] St. Louis Tuner Kit Is Sold...
Message-ID: <1.5.4.32.19960510182322.002e1ca0@mailhost.primenet.com>

Greetings all...

The tuner kit has been spoken for. Wow...what a response. I wish I could move the other stuff I've sold this quickly. Sorry I don't have 10 or 20 more tuner kits.

Thanks to all who responded.

73... Mark AA7TA

(Anyone wanna buy an Icom micro-4AT HT?)

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: John Mckee <jmckee@rfmd.com>
Subject: [8447] thanks for the info
Message-ID: <199605102101.RAA76398@nss2.CC.Lehigh.EDU>

Thank you to all those who sent me their comments about using a mobile antenna for portable and low profile operating.

73 es cul

John WB4OFT

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: Art Searle <asearle@netusa.net>
Subject: [8424] vp4wwt Roma is really UR4WWT
Message-ID: <31936C28.5764@netusa.net>

Hi Nick

vp4wwt Roma is really UR4WWT, I worked him the day before @ 01:15 UTC on
10,108.7 5/08/96 QTH Lviv, Ukraine

72, de Art WU2K

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: Bob_Tellefsen-CNSE97@email.mot.com
Subject: [8452] who-is
Message-ID: <M821256.001.7ndh0.1.960510222004Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

A while back someone gave directions on finding the address if a call sign was
known. I think the routine was something like "who_is" but I can't find the
reference. I'm not sure it was even a QRP-L routine.

Could someone show me how to put in a call sign and get back an address?
Many thanks,

Bob T. N6WG

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: ji3m@scubed.com (James R. Duffey)
Subject: [8451] Windom Last gasps
Message-ID: <v02130501adb96e1303c6@[192.31.66.229]>

Thanks for your kind notes on my suggestions for modeling the off center
fed antennas. I looked up the Belrose reference when I got home, it is in
the Antenna Compendium Vol 3, not 2 like I thought. I reread it and it is
quite interesting; for the twin line feeder case Belrose gets different
results using current and voltage sources, and different reactances at the
different generators. In one case, one of the resistive components is
negative! Good reading if you are interested in off center fed
antennas.-Duffey KK6MC/5

James R. Duffey
Principal Scientist
Maxwell Laboratories/S-Cubed Division
Suite 300
2501 Yale Blvd SE
Albuquerque, NM 87106

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: lve1@inel.gov (Larry V East)
Subject: [8432] RE: Dan's Small Parts
Message-ID: <2.2.16.19960510153256.51efad5c@eloi>

>

>You're not going to believe this. I just got a four page catalog of parts
>from our old friend Dan. He's back in business! I have often found myself
>wishing there was a small parts guy out there to replace him, and here he is
>back.

>

I heard some time ago that he would be "getting out" in April this year --
guess it was true. Whatever his problems were, at least he seemed to always
"do right" by his customers. Glad to see him back in business!!

72, Larry.

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [8461] RE: Dan's Small Parts
Message-ID: <Pine.LNX.3.91.960510192716.12245A-100000@dt1.datatamers.com>

Gang,

He's back. I talked to him on the phone today and ordered some parts.

72, Dave, W6EMD

On Fri, 10 May 1996, Larry V East wrote:

> >

> >You're not going to believe this. I just got a four page catalog of parts
> >from our old friend Dan. He's back in business! I have often found myself
> >wishing there was a small parts guy out there to replace him, and here he is
> >back.

> >

> I heard some time ago that he would be "getting out" in April this year --
> guess it was true. Whatever his problems were, at least he seemed to always
> "do right" by his customers. Glad to see him back in business!!

>

> 72, Larry.

>

>

>

>

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "P. Grover Cleveland" <wylde@nccn.net>
Subject: [8455] Re: FS: St. Louis Tuner Kit
Message-ID: <199605110058.RAA26990@nccn.net>

Mark - Consider it sold.

Grover WT6P

- - -

P. Grover Cleveland
WT6P
ARCI 3795 NorCal 216
Archaeoferroequinologist

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: QRPBOOK@aol.com
Subject: [8434] Re: Fwd: QRP Data Book, a review.
Message-ID: <960510121653_291280489@emout18.mail.aol.com>

Tnx for the nice comments, Jay. I will respond to all inquiries through 1200Z Sunday morning May 12. I will be heading to Dayton. Late inquiries will be answered when I return to the office May 26.

See Five Watt Press, NA5N, and the Colorado QRP Club in space 3405 Friday thru Sunday.

I would also suggest that those coming to Dayton Thursday attend the free program by Paul Harden, NA5N, on QRP Rigs - Circuit Analysis in the Miamisburg Room at Days Inn South (QRP HQ) at 7:00 p.m. Reception begins at 7 and the program will begin at 7:30. Q&A session and book autographs after the program.

CU in Dayton,

Rich W0HEP

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [8456] Re: GQRP - 1996 "FDIM(c)" Registration Closed
Message-ID: <Pine.SOL.3.91.960510205607.1401E-100000@utkux4.utcc.utk.edu>

Real question: did 100 sign up to hear the presentations--or to get all of the goodies, that easily exceed the price of registration?

Looking forward to at least 9 of the presentations.

-73-
LB, W4RNL

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: KT3A@aol.com
Subject: [8458] Re: Ground Rod...
Message-ID: <960510211320_111121732@emout10.mail.aol.com>

Dale,

Direct hits from lightning can not be prevented.
An arrestor will dissipate static buildup and that can help prevent damage to your station. The idea is to have all objects at a common potential.
You have the right place for the arrestor. Install it just where it enters your home, as close to your rod(s) as you can.
If you can get a copy of the National Electric Code, that will describe a safe way to prevent damage and cover yourself.
Section C. of Article 810 covers Amateur transmitting and receiving stations - antenna systems. For a dipole the requirement exists for a discharge unit.
810-57 covers antenna discharge units for transmitting stations.

72 de cameron, kt3a

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [8442] Re: Gutters and Hamsticks
Message-ID: <3193A02F.870@edcen.ehhs.cmich.edu>

Dennis, I've used the Ham Sticks in the dipole fashion you talked about with good success. Makes a quick and effective antenna for portable operation without the need for extra ground radials.

Gary/N8AYY

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: lewise@admin.inetport.com (KA5T Larry Wise)
Subject: [8453] Re: Gutters and Hamsticks
Message-ID: <199605102229.RAA28398@admin.inetport.com>

Several years ago when I was living in south Florida I had to be away from home for several months during the hurricane season. I thought it would be prudent to take down all the 'permanent' antennas (tribander and 2 mtr beam on a tiltover 51 ft tower, along with assorted wire antennas...).

Since I would be home on weekends and didn't want to give up ham radio entirely I devised a protected temporary antenna. Was surprised how well it worked.

The antenna was an 80 mtr dipole suspended under the house eaves (single story house) on a combination of TV standoff and open wire standoff insulators. Basically what I had was a wire dipole suspended about 6-8 inches beneath the eaves. As you can imagine the wire ran around at a bunch of odd angles. I just started with (468 over the frequency in MHZ) feet and trimmed for least swr. I did use a tuner also.

Nothing fancy, but another point to consider....

KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: KT3A@aol.com
Subject: [8435] Re: portable antennas
Message-ID: <960510122942_291287892@emout19.mail.aol.com>

I have used the famous Hamstick attached to the metal roof of my 70 foot mobile home. It is attached just above my deck in the center of the home, right at the edge. All I do is go out on the deck and screw in the band of my choice. The 1000 square foot plus of metal roof helps quite a bit. I can hear a difference between that and the

same antenna when attached to the mid sized car I drive.
There are success stories of those attaching the same
antenna to balcony rails made of steel. You may need
a little matching capacitance at the base of the antenna
on the lower bands, such as 40. I don't need matching at
30 meters and up. For the low cost, they are fun to play
with. For portable, I would use a dipole or vee. They fold
up better. :o)

72 de cameron, kt3a

From owner-qrp-l@Lehigh.EDU Fri May 10 22:42:50 1996
From: "Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>
Subject: [8426] Re: QRP-L digest 354
Message-ID: <Pine.SUN.3.91.960510102222.5085C-100000@strong.Hydro.ON.CA>

2 Questions to the gurus out thar.

I have a 40 meter VFO 9volts.
Do U 1/2 any suggestions as to how I cud "inject it into the 40 -9er
circuit ??

I have a bunch of AE906 transistor arrays
I understand they are differential amps 10 pin trad transistor packaging.
I understand they replace CA 3012 and CA 3012.
Does anyone know the CA manufacturer name or have a data sheet?
Thanks
Ve3 Gyy
Hr U on FD
72's

From owner-qrp-l@Lehigh.EDU Fri May 10 22:42:50 1996
From: KenKD1XS@aol.com
Subject: [8430] Re: Questions On Yaesu FT-840 As QRP
Message-ID: <960510112535_291250160@emout13.mail.aol.com>

Dave:

>From the front panel, I can reduce the output on my 840 to 4 watts. I have
been thinking about an attenuator board to drop output down below 1 watt.

The CW filter is a must for this rig. It make a world of difference on
crowded bands.

The rig uses a T\R relay with an adjustable time delay. Not quite QSK, but it works for me. The relay is not very noisy, however this could be irritating to some people.

Ken Hanks, KD1XS

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [8425] Re: RIG QUANDARY
Message-ID: <199605101403.KAA28485@nss2.CC.Lehigh.EDU>

> I wanted to by a Ten Tec Scout, but I have gotten
> some mixed reviews on them. Other than getting a
> used radio, and taking a chance on the quality,
> etc., the Scout was about the only rig in my
> price range.
>
> 73 de Dave AC5GY
>

Hello Dave,

Any rig will have some quirks. Read some reviews on some of the big ticket rigs in QST. It will surprise you. For spending three grand I'd want the rig to be picture perfect, but they are not.

Such is life.

It really boils down to what you want and what are you willing to put up with. I own an Argo 556, qrp level only. It has some personality traits that I dearly love, like excellent audio. It also has not that great a filter and the transmitter will drift on key down, but comes back when you come up for air. I really like the keyer in it too. Changing band modules may offend some folks, but I don't mind at all. An aux. power jack is a darn nice feature for lighting up a tuner at night, say for a camping or field day situation. It has a tune switch, very nice. I'm going to install one on my QRP++. The display lights up, the Index QRP+ doesn't. For mobile it has a noise blanker option, again, not in the QRP+.

Audio quality is very good both coming and going in the Argo.

The QRP+ is also a great rig, but is a qrp only rig, and it has some quirks too. I wouldn't part with either one.

de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-l@Lehigh.EDU Fri May 10 22:42:50 1996
From: mizrahi@svlhp8.scs.philips.com
Subject: [8439] Re: RIG QUANDARY
Message-ID: <9605101716.AA00189@svln20.scs.philips.com>

Hi David,

You're not the only one wondering about "bang for the buck".
I lived with a borrowed Scout for three months (I have nice
friends...) and I would say NO on that one.
Too much digital noise, a faulty mute circuit and other annoying
issues - really not a SERIOUS fixed station rig but very reasonable
as a mobile.
In the used market today I see only two choices:

ICOM IC-737A - will go for \$750-\$850; the older version (without
the A postfix) is as good and cheaper.
Good receiver with high dynamic range numbers and a clean LO,
digital bells and whistles, filters, IF shift and Notch, an
auto tuner, etc.

KENWOOD TS-850SAT - goes for \$950-1100.
Receiver marginally better than the ICOM, double IF shift ("slope
tune") which works real well, and same or better "other things"
than the ICOM.

I have an 850 and a friend has a 737. He's very much into CW and
plans to swap for an 850-class rig, if that says something.
Read the QST articles, both very favorable. The one for the TS-850
says that in some respects it's superior to the TS-950 and further

comments that it is one of the best CW rigs ever made, regardless of price! Need I say any more? It convinced me to buy it (new) and I don't regret that, period.
I have an ICOM-730 for backup, nice rig. I certainly do not stick with one brand, if you're wondering. I was considering the IC-737A at the time but paid the extra \$300 and don't need to think if I made a mistake (going cheaper) or not...

At the price range of sub-\$1000 there are no other GOOD choices, in my opinion. I know some guys will jump and yell "well, how about the Yaesu FT-890?" - no match and definitely older generation. See if you can find an OMNI for similar prices, those are good radio too.

QRP? Well, the easy way is a small circuit to reduce power below the 10W minimum (from the front panel knob) for the Kenwood, using the ALC feature - nothing to it at all.

73 ES GL DE ORI AC6AN

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [8460] Re: Sending @ on CW
Message-ID: <199605110155.BAA21505@chuck.dallas.sgi.com>

Rick et. al.,

@ = at

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO TMPS 1996 Qs=010 States=08 Confirmed=00 DX=01
AZ CO IN MI SD UT WI WY

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: Steven Wilson <randyw@crl.com>
Subject: [8449] Re: Sending @ on CW (fwd)
Message-ID: <Pine.SUN.3.91.960510141201.29028A-100000@crl7.crl.com>

what if he isn't English ?

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: cc wynn <wyn@worldnet.att.net>
Subject: [8429] Re: TMPS
Message-ID: <199605101435.0AA14692@mailhost.worldnet.att.net>

At 08:06 PM 5/5/96 +0000, you wrote:

>In a message dated 96-05-05 02:50:42 EDT, paul1@wizard.ucs.sfu.ca (Paul
>Erickson) writes:
>

>No, but heard the ZL1BD and the AL7IK, couldnt work them though.(sometimes it
>pays to live on the west coast) stayed up till 1:30 am, until my brain
>stopped processing data and had a head crash,
>

How about the V44 on St. Kitts (sometimes it pays to live in the Southeast ;-))

72/73,
Clay N4AOX

>
>

wyn@worldnet.att.net

From owner-qrp-1@Lehigh.EDU Fri May 10 22:42:50 1996
From: Steve Pituch <n2mnn@openix.com>
Subject: [8457] RE:TMPS
Message-ID: <199605110118.VAA08224@pantera.openix.com>

Managed to get OK1HWI at 22:50 UTC (6:50 PM EST), on Thursday. Power was 950 mW. He was 559 and I received 229. He said I was very difficult to copy but he was a very good OP. Frequency was 10.114 MHz. Conditions seem to be good on East coast from 6 to 7 PM EST (22:00 to 24:00 UTC). By 01:00 UTC, band was packed with BC and commercial stations and QRM was like 40 meters on a bad night.

So I will be checking out 30 M right after work on weekdays. I guess I've caught the TMPS bug.

72,
Steve, N2MNN

DX(1) ST(0), Sierra, 40M Vert Loop